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EASINGTON RURAL DISTRICT

REPORT
OF THE
MEDICAL OFFICER
OF HEALTH
FOR THE

YEAR ENDING 31st DECEMBER, 1971





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EASINGTON RURAL DISTRICT

REPORT
OF THE
MEDICAL OFFICER
OF HEALTH
FOR THE
YEAR ENDING 31st DECEMBER, 1971

EASINGTON RURAL DISTRICT COUNCIL.

Chairman:

COUNCILLOR J. L. BELL

Vice-Chairman:

COUNCILLOR A. E. Dallen

COUNCILLORS:

COUN. J. Andrew	COUN. Mrs. G. M. Innes
„ W. Armstrong	„ M. B. Kirkup
„ Mrs. C. Banks	„ G. W. Laidler
„ D. Banks	„ F. Long
„ A. Barker	„ R. Luke
„ J. W. Beach	„ A. H. Maw
„ M. W. Brown	„ T. Metcalf
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„ W. C. Carter	„ Mrs. A. Naisbitt
„ H. D. Clark	„ R. Olaman
„ J. Collin	„ M. Pattison
„ J. S. Cummings	„ J. G. H. Rackstraw, J.P.
„ M. H. Curry	„ F. V. Rogers
„ H. Davies	„ R. J. Scott, J.P.
„ F. G. Dickson	„ C. F. Short
„ F. Etherington	„ S. Thompson
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„ A. Foster	„ M. Weetman
„ Mrs. M. E. Foster	„ E. Wilding, J.P.
„ A. Golightly	„ A. D. Wharrier
„ J. Harper	„ F. W. Woods, J.P., T.D.
„ Mrs. E. Hodgen	„ J. Wright
	„ S. Yews

Clerk:

D. C. KELLY, LL.B. (Lond.), L.A.M.T.P.I.

Treasurer, Accountant and Chief Rating Officer:

T. ROBINSON, A.I.A.C., F.C.A.

Engineer and Surveyor:

R. R. LUMSDEN, Dip.M.Eng.

STAFF
(as at 31st December, 1971)

*Medical Officer of Health and
District Principal School Medical Officer:*
J. W. A. RODGERS, M.B., B.Ch., D.P.H.

Assistant Medical Officers:
G. L. ANDERSON, M.B., B.S.
M. ANDERSON, M.B., B.S. (Mrs.)

School Dental Officers:
M. THOMSON, L.D.S. (Mrs.)
E. I. S. STEWART, L.D.S. (Mrs.)
J. W. COOPE, B.Ch.D.

School Occulist: (Part-time)
J. FRANKENTHAL, L.R.C.P., L.R.C.S., D.O.

Senior Public Health Inspector:
R. E. V. WARRAND, M.A.P.H.I., M.R.S.H.

Public Health Inspectors:
J. R. DAY, Cert.P.H.I.B., Cert. M. & O. Foods
P. F. JONES, Cert. P.H.I.B., Cert. M. & O. Foods
D. CARRUTHERS, Cert. P.H.I.B., Cert. M. & O. Foods
I. C. WATSON, Cert. M.R.S.A.S., Cert. M. & O. Foods
N. S. MOHON, M.A.P.H.I., Cert. M. & O. Foods
J. K. WALLS, M.A.P.H.I., Cert. M. & O. Foods
J. F. PERKINS, Cert. P.H.I.B., Cert. M. & O. Foods

Public Health Assistant:
J. HARPER

Pupil Public Health Inspector:
A. CAYGILL

Rodent Officer:
W. MILLS

Rodent Operatives:
G. D. TURNER
G. A. SUTHERLAND

Mortuary Attendant:
J. SCOTT

District Chief Nursing Officer:

MISS A. HOWARTH, S.R.N., S.C.M., Q.N., H.V. Cert.

Health Visitors:

MISS J. BARKER, S.R.N., S.C.M., O.N.C., H.V.Cert.
 MISS M. BEATY, S.R.N., S.C.M., H.V. Cert.
 MISS K. A. GARRIGAN, S.R.N., S.C.M., H.V. Cert.
 MISS D. HEWISON, S.R.N., S.C.M., H.V. Cert.
 MISS E. HONOUR, S.R.N., S.C.M., H.V. Cert.
 MRS. C. LANDERS, S.R.N., R.S.C.N., H.V. Cert.
 MISS D. LISTER, S.R.N., S.C.M., Q.N., H.V. Cert.
 MRS. M. A. MEECHIN, S.R.N., S.C.M., Q.N., H.V. Cert.
 MISS I. MORTIMER, S.R.N., S.C.M., H.V. Cert.
 MRS. E. F. PENRITH, S.R.N., H.V. Cert.
 MISS A. SIMPSON, S.R.N., S.C.M., Q.N., H.V. Cert.
 MRS. J. TERRINGTON, S.R.N., H.V. Cert.

District Midwives:

MISS E. BEANEY, S.R.N., S.C.M., Q.N.
 MISS M. DALLEN, S.C.M.
 MRS. M. DIXON, S.R.N., S.C.M.
 MISS J. PRIESTLEY, S.C.M.
 MRS. M. G. SWANN, S.R.N., S.C.M.
 MISS D. TARN, S.R.N., S.C.M.

District Nurses:

MRS. L. B. ANDERSON, S.R.N., N.D.N.Cert.
 MISS E. M. BUCHANAN, S.R.N., S.C.M., Q.N.
 MRS. L. M. CLASPER, S.R.N.
 MRS. A. V. COX, S.R.N., S.C.M., R.S.C.N., N.D.N. Cert.
 MISS D. CROOKS, S.R.N., S.C.M., N.D.N. Cert.
 MRS. M. A. ELTRINGHAM, S.R.N., S.C.M., N.D.N.Cert.
 MRS. J. GOLIGHTLY, S.R.N.
 MRS. M. A. JAMIESON, S.R.N., Q.N.
 MRS. A. PATTISON, S.R.N., N.D.N. Cert.
 MRS. E. M. SKELTON, S.R.N., R.S.C.N., N.D.N Cert.
 MRS. E. M. SMITH, S.R.N., S.C.M.
 MISS A. P. STONEY, S.R.N., Q.N.
 MRS. D. J. SUMPTON, S.E.N.
 MRS. D. UNSWORTH, S.R.N., N.D.N. Cert.
 MRS. F. M. WEST, S.R.N., N.D.N. Cert.

School Nurses:

MRS. M. K. BLAKE, S.R.N., R.M.N.
 MRS. J. R. NEWSOME, S.R.N., S.R.F.N.
 MRS. J. SNAITH, S.R.N.

Chiropodist:

G. R. RAWLINGS, M.Ch.S., S.R.Ch.

School Dental Surgery Assistants:

MRS. J. MARTIN
 MRS. C. S. SMART
 MISS S. WOOD

ADMINISTRATIVE AND CLERICAL STAFF :*Chief Clerk:*

J. BRANTHWAITE

Senior Clerk:

K. ARMSTRONG

Clerical Assistants:

MISS A. HARDCASTLE
 D. HINDSON
 MISS O. BLACKWELL
 MRS. M. CHAPMAN
 MISS L. ETHERINGTON
 MRS. A. HARTLEY
 MISS M. MITCHISON
 MRS. A. McROY
 MISS L. NASH
 MISS E. PALMER
 MISS M. SMITH
 MRS. J. M. STOKER

Travelling Clerks:

MRS. O. WOOLARD
 MRS. L. COWLEY

EASINGTON RURAL DISTRICT

REPORT

OF THE

Medical Officer of Health

FOR THE

Year Ended 31st December, 1971

Telephone—Easington 501

EASINGTON,

PETERLEE,

Co. DURHAM,

SR8 3TN

1972.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health and sanitary conditions of your district for the year 1971.

The work accomplished during the year is described in the various sections of the report. The section relating to the activities of the inspectorial staff has been compiled by the Senior Public Health Inspector, and a contribution from the Engineer and Surveyor, dealing with housing, sewerage, public cleansing, etc., is also included. This introductory letter summarises briefly the contents of the report as a whole and draws attention to any points of special interest.

VITAL STATISTICS

Under this heading figures or rates are given to enable comparison to be made between the health of the inhabitants of the district over recent years and the health of the country as a whole. They include the birth rate, the general death rate, infant mortality rate and the maternal mortality rate.

BIRTH RATE

The district rate of 17.2 per 1,000 of the population showed a slight decrease on the figure of 17.5 for 1970. The rate for England and Wales as a whole was 16.0, the same as that for the previous year.

GENERAL DEATH RATE

The general death rate of 11.5 per 1,000 of the estimated resident population was a slight increase on the 1970 figure of 11.4. The rate for England and Wales was 11.6, as compared with 11.7 the previous year.

INFANT MORTALITY

The rate of 18 per 1,000 live births showed a decrease on that of 20.1 for the previous year, and is the lowest ever recorded in this district. The rate for England and Wales was also 18, the same as that for 1970. There were 26 deaths in infants under one year and of these 15 occurred in the first four weeks of life, giving a neonatal mortality rate of 10 per 1,000 live births as compared with the 1970 figure of 14. In three of these, prematurity was given as a primary cause of death and in four as contributory. The rate for England and Wales in 1971 was 12.

MATERNAL MORTALITY

There were no maternal deaths in the district during the year. The rate for England and Wales was 0.17 per 1,000 live and still births.

LOCAL ADJUSTED RATES

After taking into account the Registrar General's comparability factors of 1.05 and 1.4 for birth and death rates respectively, the local adjusted rates for this district were 18.1 in the case of births and 16.1 in respect of deaths.

INDIVIDUAL CAUSES OF DEATH

Perusal of the table giving the chief causes of death will show that heart disease still heads the list with 356 deaths, 52 more than in 1970 and representing 36.14% of the total deaths in the district. Cancer was responsible for 186 deaths (18.89%), a decrease of 10 on the figure of 196 the previous year. In third place, diseases of the veins and arteries of the brain caused 142 deaths (14.41%), against 170 (17.44%) in 1970. Fourth place in the list is occupied by bronchitis and pneumonia, which caused 108 deaths (10.96%), a decrease of one on the figure of 109 (11.18%) the previous year. These four causes, therefore, accounted for just over 80% of the total deaths.

Table 2 gives deaths from cancer in age groups and localisation of the disease.

INFECTIOUS DISEASES

Notifications of these diseases are set out in Table 7, which also gives the final figures after correction. The area generally was quiet throughout the year.

TUBERCULOSIS

The statistics for this disease are shown in the tables and summary of Section III.

The Newcastle upon Tyne Regional Hospital Board's Mass Radiography Unit visited Blackhall from 22nd to 24th March inclusive and Horden the following two days. For three days in mid-April, the Unit undertook sessions at Haswell and in early August Trimdon residents had a three-day visit. Sessions were held in Murton from 13th to 15th October. Opportunity was given for evening attendance in these villages.

Individual and small group X-ray is also available at the General Hospital, Chester Road, Sunderland, the Static Unit, 35 Grange Road, Middlesbrough, and the Mass X-ray Unit, Dryburn Hospital Durham. Particulars of dates and times for these services may be obtained from the Health Department, Easington.

HEALTH AND WELFARE FUNCTIONS

Details of the working of the various services during the year are to be found in Section IV. Particulars relating to the work undertaken at treatment centres and clinics and the activities of the

domiciliary midwifery, home nursing and health visiting services are given. Also included are statistical and general details of vaccination and immunisation, prevention of illness, care and after-care, chiropody, domestic help, mental health, blind welfare and handicapped persons.

Reference is made in Section IV of the termination on 30th September, 1971, of this Council's delegated powers in respect of the Welfare Services in the district.

SCHOOL HEALTH SERVICE

Details of the working of the School Health Service will be found in Section V.

WATER

Piped water supply in the district was sampled weekly during the year. All 45 samples submitted to bacteriological examination were reported as satisfactory. Further details of the district's water supply are given in Section VI.

LABORATORY FACILITIES

Bacteriological testing of throat swabs, faeces and other human specimens is undertaken by the Director and his staff at the Public Health Laboratory, Havelock Hospital, Sunderland. Weekly samples of ice cream, water and milk and occasional samples of meat and other edible products were submitted during the year. 115 faecal specimens from patients known or suspected to be suffering from dysentery or food poisoning were sent for examination and report and the laboratory also checked 127 specimens in respect of food-handling employees of the Council.

SANITARY CONDITIONS OF THE AREA

Comments and tables to be found in Section VI dealing with the environmental services contain much information of importance and interest. They are contributed by the Senior Public Health Inspector and the Engineer and Surveyor.

STAFF

There were several staff changes during the year, including officers transferred to Durham County Council in October as Social Services staff. Details of the department's complement at 31st December, 1971, are given in the pages preceding this introductory letter.

CONCLUSION

The vital statistics in the following pages will show that the general health of the district's population varied little from the previous year. The birth rate showed a fractional decrease on that for 1970 and the infant mortality rate decreased to 18.0 per 1,000 live births, the lowest ever recorded for Easington Rural District and equal to the national rate. The general death rate of 11.5 was the same as that for the previous year. The rate for England and Wales was 11.6.

I would commend to the reader a contribution by the District Chief Nursing Officer in Section IV of this report titled "A Decade of Progress", which gives her observations on the development of the nursing services over the 10 year period of this Council's delegated powers.

I am again grateful to the Chairman of the Health Committee and to the members and officials of the Council for their co-operation. My thanks and appreciation are also due to the entire Health Department staff for their loyal and willing assistance during another active year.

I am, Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant

J. W. A. RODGERS

Medical Officer of Health.

SECTION I.

CONDITIONS OF THE AREA

Area (in acres)	34,647
Registrar General's estimate of resident population year, 1971	85,510
Number of Hereditaments on 31st December, 1971 according to the rate books	35,482
Rateable Value (at 1st April, 1972)	£2,238,812
Sum represented by New Penny Rate (1971-72)	£21,302

VITAL STATISTICS

Births :—Live Births.

	Male	Female	Total
Legitimate	714	648	1362
Illegitimate	51	55	106
	—	—	—
	765	703	1468
	—	—	—

Birth Rate per 1,000 of the estimated resident population	17.2
--	------

Illegitimate Live Births per cent of Total Live Births

7

Still Births :—

Legitimate	12	8	20
Illegitimate	—	2	2
	—	—	—
	12	10	22
	—	—	—

Rate per 1,000 live and still births	15
---	----

Total Live and Still Births :—

777	713	1490
-----	-----	------

Infant Mortality :—

Deaths of infants under 1 year :

Legitimate	17	8	25
Illegitimate	1	—	1
	—	—	—
	18	8	26
	—	—	—

Infant Mortality Rates

Death rate of all infants under one year per 1,000 live births, 18.0.

Death rate of legitimate infants under one year per 1,000 legitimate live births, 18.0.

Death rate of illegitimate infants under one year per 1,000 illegitimate live births, 9.0.

Neonatal Mortality

Deaths of infants under 4 weeks:

	Male	Female	Total
Legitimate	11	3	14
Illegitimate	1	—	1
	—	—	—
	12	3	15
	—	—	—
Death rate per 1,000 live births	..	..	10.0

Early Neonatal Mortality

Deaths of infants under 1 week :

Legitimate	..	8	3	11
Illegitimate	..	1	—	1
	—	—	—	—
	9	3	12	—
	—	—	—	—
Death rate per 1,000 live births	..	..	..	8.0

Perinatal Mortality Rate 23.0

Maternal Mortality (including abortion)

Number of deaths Nil.

Rate per 1,000 live and still births Nil.

Maternal Mortality Rate Nil.

Total Deaths (all ages) 556 429 985

Death rate per 1,000 of the estimated resident population 11.5

TABLE I.
DEATHS—CAUSES AND AGES AT DEATH.

All Ages	Under 4 weeks	4 weeks- under 1 year	1 to 4	5 to 14	15 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 and over		
												15	25
Enteritis and Other Diarrhoeal Diseases	3	2										—	—
Tuberculosis of Respiratory System	1	2										—	—
Other Infective and Parasitic Diseases	1	1										—	—
Malignant Neoplasm—Buccal Cavity etc.	8	33										1	4
Malignant Neoplasm—Oesophagus	—	28										11	10
Malignant Neoplasm—Stomach	—	45										6	8
Malignant Neoplasm—Intestine	—	18										14	—
Malignant Neoplasm—Lung, Bronchus	—	2										7	—
Malignant Neoplasm—Breast	—	—										1	5
Malignant Neoplasm—Uterus	—	—										3	—
Malignant Neoplasm—Prostate	—	—										3	—
Leukaemia	—	—										1	—
Other Malignant Neoplasms	—	40										1	—
Benign and Unspecified Neoplasms	—	3										1	—
Diabetes Mellitus	—	10										1	—
Other Endocrine, etc. Diseases	—	1										1	—
Anaemias	—	4										1	—
Mental Disorders	—	2										1	—
Meningitis	—	1										1	—
Multiple Sclerosis	—	2										1	—
Other Diseases of Nervous System, etc.	—	10										1	—
Chronic Rheumatic Heart Disease	—	19										1	—
Hypertensive Disease	—	17										1	—
Ischaemic Heart Disease	—	275										3	—
Other Forms of Heart Disease	—	45										1	—
Cerebrovascular Disease	—	142										3	—
Other Diseases of Circulatory System	—	37										1	—
Pneumonia	—	55										1	—
Bronchitis and Emphysema	—	53										1	—
Asthma	—	5										1	—
Other Diseases of Respiratory System	—	13										2	—
Peptic Ulcer	—	7										1	—
Intestinal Obstruction and Hernia	—	4										1	—
Cirrhosis of Liver	—	3										3	—
Other Diseases of Digestive System	—	5										2	—
Nephritis and Nephrosis	—	7										2	—
Other Diseases, Genito-Urinary System	—	9										2	—
Diseases of Musculo-Skeletal System	—	3										1	—
Congenital Anomalies	—	3										2	—
Birth Injury, Difficult Labour, etc.	—	5										1	—
Other Causes of Perinatal Mortality	—	4										2	—
Motor Vehicle Accidents	—	13										1	2
All Other Accidents	—	26										2	5
Suicide and Self-inflicted Injuries	—	3										1	1
All Other External Causes	—	2										1	—
TOTALS	..	..	..	..	..	..	..	..	..	..	..	64	299
	985	15	11	5	3	7	6	32	174	64	15	369	

TABLE 2.

Cancer.

The following table gives the deaths from Cancer, in age groups, and the localisation of the disease.

	Ages in Years					Totals
	1 to 24	25 to 44	45 to 64	65 to 74	75 up	
Lung & Bronchus	—	2	21	14	8	45
Stomach	—	1	4	17	11	33
Breast	—	1	2	7	8	18
Uterus	—	—	1	1	—	2
Other Causes ..	1	6	34	18	29	88
	1	10	62	57	56	186

TABLE 3.

Table of Birth and Death Rates for the past 10 years

Year	General Death Rate	Infant Death Rate	Birth Rate
1962	11.1	26.6	20.5
1963	10.3	28.8	19.7
1964	10.4	24.4	19.1
1965	11.2	21.8	19.2
1966	11.4	22.7	17.9
1967	11.1	28.2	17.7
1968	11.1	26.6	16.9
1969	11.7	21.1	16.5
1970	11.4	20.1	17.5
1971	11.5	18.0	17.2

1971	General Death Rate	Infant Death Rate	Birth Rate
England & Wales	11.6	18.0	16.0
Easington Rural District	11.5	18.0	17.2

TABLE 4.
Infant Mortality Rates
(10 years)

Year	Births	Easington R. D. Inf. Mortality Rate	England & Wales Inf. Mortality Rate
1962	1768	26.6	21.6
1963	1699	28.8	21.1
1964	1637	24.4	20.0
1965	1647	21.8	19.0
1966	1544	22.7	18.9
1967	1524	28.2	18.3
1968	1464	26.6	18.0
1969	1423	21.1	18.0
1970	1492	20.1	18.0
1971	1468	18.0	18.0

TABLE 5.
Death Rates (10 years)

Year	Deaths	Easington R. D. Death Rate	England & Wales Death Rate
1962	957	11.1	11.9
1963	888	10.3	12.2
1964	890	10.4	11.3
1965	956	11.1	11.5
1966	986	11.4	11.7
1967	956	11.1	11.2
1968	962	11.1	11.9
1969	1005	11.7	11.9
1970	975	11.4	11.7
1971	985	11.5	11.6

TABLE 6.
Natural Increase of Population

Year	Births	Deaths	Rate of Natural Increase per 1,000 population.
1962	1768	957	9.4
1963	1699	888	9.4
1964	1637	890	8.7
1965	1647	956	8.1
1966	1544	986	6.5
1967	1524	956	6.6
1968	1464	962	5.8
1969	1423	1005	4.9
1970	1492	975	6.1
1971	1468	985	5.7

SUMMARY OF STATISTICS, 1971

Population	..	..	..	..	..	..	85,510
Area (acres)	..	..	..	..	..	..	34,647
Estimated number of Hereditaments				..	..	..	35,482
Rateable Value (at 1st April, 1972)	..	..	..	..	..	..	£2,238,812
Sum produced by New Penny Rate (1971-72)				..	..	..	£21,302
Births	..	..	..	..	..	..	1,468
Birth rate per 1,000 of the estimated resident population						..	17.2
Deaths	..	..	..	..	..	..	985
Death rate per 1,000 of the estimated resident population						..	11.5
Death rate of infants under one year of age						..	18.0

CHIEF CAUSES OF DEATH

Cause		Number	Percentage of total deaths
Diseases of the heart	..	356	36.14
Cancer	..	186	18.89
Diseases of the veins and arteries			
of the brain	..	142	14.41
Bronchitis and pneumonia	..	108	10.96

INFECTIOUS DISEASES

Diseases		Cases notified
Measles	..	69
Infective Jaundice	..	22
Scarlet Fever	..	14
Tuberculosis (all forms) new cases	..	12
Whooping Cough	..	7
Food Poisoning	..	1
Dysentery	..	1
Acute Encephalitis	..	1

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INFECTIOUS AND OTHER NOTIFIABLE DISEASES. 1971

INFECTIOUS DISEASES

The main points of interest in Table 7 can be briefly summarised as follows:—

There were 69 notified cases of measles during the year as against 1024 in 1970.

Scarlet fever notifications numbered 14, compared with nine the previous year.

The only case of dysentery notified was confirmed by bacteriological examination, as was a single notified case of food poisoning.

There were only seven cases of whooping cough, compared with 43 in 1970.

Infective jaundice notifications numbered 22. There were 104 the previous year.

SECTION III.

TUBERCULOSIS

TABLE 8.

Number of Cases on Register at 31st December, 1971.

PULMONARY			NON-PULMONARY			TOTAL CASES	
Male	Female	Total	Male	Female	Total		
163	105	268	77	65	142		410

TABLE 9.
New Cases and Mortality, 1971

Age Periods	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
Under 5 years	—	—	—	—	—	—	—	—
5 — 14 years	—	—	—	—	—	—	—	—
15 — 24 years	—	—	2	—	—	—	—	—
25 — 44 years	1	1	—	—	—	—	—	—
45 — 64 years	6	1	—	—	1	—	—	—
65 and over	1	—	—	—	—	—	—	—
	8	4	—	—	1	—	—	—

TABLE 10
COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

YEAR	NEW CASES						DEATHS						No. ON REGISTER AT END OF YEAR					
	Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1962	13	11	24	3	2	5	5	—	5	—	—	—	305	253	558	155	145	300
1963	15	12	27	1	3	4	8	1	9	—	—	—	304	258	562	154	143	297
1964	16	6	22	3	1	4	7	1	8	—	—	—	285	245	530	157	144	301
1965	9	7	16	1	3	4	6	1	7	—	—	—	283	241	524	157	146	303
1966	10	5	15	—	—	3	8	2	10	2	—	2	274	230	504	154	147	301
1967	13	10	23	2	—	2	4	5	9	1	—	1	277	225	502	155	147	302
1968	18	5	23	2	2	4	1	1	2	1	—	1	274	219	493	156	148	304
1969	17	3	20	2	1	3	5	1	6	—	—	—	175	115	290	83	67	150
1970	9	6	15	—	1	1	3	—	3	—	—	—	167	108	275	77	65	142
1971	8	4	12	—	—	—	1	—	1	—	—	—	163	105	268	77	65	142

TABLE 11

The following Table shows the number of deaths from Tuberculosis (all ages) during the past five years—the figures in parenthesis indicating deaths occurring in previously notified cases of Tuberculosis.

YEAR	PULMONARY			NON-PULMONARY		
	Male	Female	Total	Male	Female	Total
1967	4 (3)	5 (4)	9 (7)	1 (-)	—	1 (-)
1968	1 (1)	1 (1)	2 (2)	1 (-)	—	1 (-)
1969	5 (3)	1 (1)	6 (4)	—	—	—
1970	3 (3)	—	3 (3)	—	—	—
1971	1 (1)	—	1 (1)	—	—	—
Totals	14 (11)	7 (6)	21 (17)	2 (-)	—	2 (-)

TUBERCULOSIS

The foregoing tables may be summarised as follows:—

Twelve new cases of the respiratory form of the disease were notified during the year, comprising eight males and four females. This was a decrease on the figure of 15 for 1970 made up of nine males and six females. There were no new notifications of other forms of tuberculosis during the year.

Deaths from the respiratory form decreased from three in 1970 to one, a male, for the year under review.

There were no deaths from non-respiratory tuberculosis.

The district mortality rate for respiratory tuberculosis was 0.012 per 1,000 of the population, compared with the figure of 0.019 for England and Wales as a whole.

SECTION IV.

NATIONAL HEALTH SERVICE ACT, 1946

HEALTH AND WELFARE

HEALTH CENTRES:—

The Health Centre at Peterlee continues to operate satisfactorily.

Services available at the Centre are as follows:-

Child Welfare .. .. .. ..	.. .. .. ..	Weekly
Immunisation and Vaccination .. .. .. ..	.. .. .. ..	Monthly
Family Planning .. .. .. ..	.. .. .. ..	Weekly
Chiropody .. .. .. ..	.. .. .. ..	Weekly
Cervical Cytology .. .. .. ..	.. .. .. ..	Weekly
School Clinic .. .. .. ..	.. .. .. ..	Weekly
Dental Surgeries .. .. .. ..	.. .. .. ..	Daily
Ophthalmic (School Children) .. .. .. ..	.. .. .. ..	Weekly
Child Guidance .. .. .. ..	.. .. .. ..	Weekly
Audio Testing .. .. .. ..	.. .. .. ..	Weekly

General practitioners have the use of eight surgery suites, and the Centre is being extended to accommodate a Radiological Unit which will be in operation during 1972.

CARE OF MOTHERS AND YOUNG CHILDREN

Child Health Centres

The number of Centres in operation remains at 10, eight of which are owned by the Council and two on a rental basis. The number of children attending the Centres continues to increase. Details of attendances over the past two years are as follows:-

		1970	1971
No. on Register .. .. ..	.. .. ..	4,046	4,442
No. of Attendances .. .. ..	.. .. ..	20,050	18,405
Average attendance per session		26	24

Table 12 gives details.

ANTE-NATAL CLINICS

These Clinics are no longer held in the Child Health Centres due to General Practitioners holding their own Ante-Natal sessions. The District Midwife attached to the practice attends these sessions.

TABLE I2

Attendances at Child Health Centres during year ended 31st December, 1971.

No. on books 31.12.71	Consultations					
	Attendances			Average per session		
	Number	Children	Children	Number	Children	Children
CLINICS						
BLACKHALL	...	60	70	135	622	253
EASINGTON	...	111	124	197	1382	460
HORDEN	...	161	167	276	2150	652
MURTON	...	135	150	338	1166	313
PETERLEE	...	402	403	373	3401	880
SHOTTON	...	77	95	189	538	265
SOUTH HETTON	...	34	41	78	383	149
THORNLEY	...	46	70	107	562	226
WHEATLEY HILL	...	68	71	140	531	158
WINGATE	...	70	71	183	603	185
TOTALS		1164	1262	2016	11338	3541

MOTHERCRAFT AND RELAXATION CLASSES

Classes continued to be held during the year. Expectant Mothers attended lectures and film shows given by the Health Visitors and Midwives.

Details of attendances are as follows:—

			1970	1971
Mothers attending	..	..	109	100
Total attendances	..	..	392	482
Average attendance per session		..	5	7

HEALTH VISITOR SESSIONS

Sessions held by the Health Visitor for the screening tests of hearing continued during the year. The total attendances at these sessions was 1074, the average per session being 15.

BIRTH CONTROL

The Family Planning Association operate two Clinics in the district, both at Council premises free of rent. Financial responsibility is accepted by the Council for all consultations and for any cases referred on medical grounds.

“AT RISK” REGISTER AND CONGENITAL DEFECTS

A register is maintained of all children who, through any factor, show they may have a physical or mental defect. These children are visited at regular intervals and at the end of the year 720 were still on the register. As from 1st July, 1972, the register is to be maintained in a computer-based Observation Register, which will be updated at six monthly intervals until such time as the child is considered satisfactory and the name is then removed from the register.

Details of all congenital malformations noted in newborn children are reported by hospitals and domiciliary midwives to the department. During the year a total of 23 live births and one stillbirth was notified.

WELFARE FOODS

Welfare foods are obtainable from 10 Centres throughout the district. During the year the sale of Cod Liver Oil was phased out and Orange Juice ceased to be a welfare food after 31st December, 1971. These were replaced by Vitamin Drops and tablets. The following statement shows the issues during the year with comparative figures for 1970.

		1970	1971
National Dried Milk (Packets)	..	1591	1380
Orange Juice (Bottles)	..	17184	10414
Cod Liver Oil (Bottles)	..	1986	1447
Vitamin Tablets (Packets)	..	849	659
Vitamin Drops (Bottles)	..	—	1600

DENTAL CARE FOR MOTHERS AND YOUNG CHILDREN

Dental treatment was provided in permanent dental surgeries at the Peterlee, Wingate and Murton Clinics. Table 13 gives details.

CONVALESCENT HOLIDAYS — MOTHERS AND YOUNG CHILDREN

Applications are made by general practitioners and health visitors in respect of mothers who need a period of convalescence. After investigation, these applications are passed to Durham County Council who administer the E.F. Peile Convalescent Home, Shotley Bridge.

During the year 12 mothers and 25 children were admitted to the Home from this district.

TABLE 13
DENTAL TREATMENT PROVIDED DURING 1971

		Peterlee		Peterlee		Murton		Wingate		Total	
		No. 1 Surgery	No. 2 Surgery	Child 0-4	Exp. Mothers	Child 0-4	Exp. Mothers	Child 0-4	Exp. Mothers	Child 0-4	Exp. Mothers
First Visit		14	5	43	4	40	53	17	47	114	109
Subsequent Visits		49	31	38	8	9	65	2	67	98	171
Total Visits		63	36	81	12	49	118	19	114	212	280
No. of additional courses of treatment commenced				2						2	
No. of fillings		73	44	90	18	—	82	—	67	163	211
Teeth filled		58	36	79	15	—	82	2	66	139	199
Teeth extracted		36	16	29	5	60	64	25	72	150	157
General Anaesthetics given		10	1	9	1	28	19	12	6	59	27
Emergency visits by patients		6	1	—	—	—	1	—	2	6	4
Patients X-Rayed		2	6	2	1	—	2	—	6	4	14
Prophylaxis		5	5	8	1	22	29	6	33	41	68
Teeth otherwise conserved		—	—	15	1	—	—	—	—	15	—
Courses of treatment completed		12	4	30	1	27	48	11	51	80	104
Patient supplied with F.U. or F.L.		—	2	—	—	—	5	—	1	—	8
Patient supplied with other dentures		—	—	3	—	—	—	10	9	—	22
No. of dentures supplied		—	—	5	—	—	—	16	—	14	35
First inspections		61	2	43	4	42	25	65	38	211	69
Requiring treatment		32	2	36	4	17	23	8	26	93	55
Offered treatment		32	2	36	4	17	23	8	26	93	55

Number of premature births (as adjusted by any notifications transferred in or out of the area).

TABLE 14

WEIGHT AT BIRTH	PREMATURE LIVE BIRTHS						Born	
	Born at Home or in a Nursing Home			Transferred to hospital on or before 28th day				
	Nursed entirely at home or in a Nursing Home		Died	Died		Within 24 hrs. of birth		
	Total Births	Within 24 hrs. of birth	In 1 & under 7 days	Total Births	Within 24 hrs. of birth	In 1 & under 7 days	In a hospital or in a nursing home	
2 lb. 3 oz. or less	4	3	—	—	—	—	—	
Over 2 lb. 3 oz. up to and including 3 lb. 4 oz.	6	1	—	—	—	—	4	
Over 3 lb. 4 oz. up to and including 4 lb. 6 oz.	14	—	—	—	—	—	—	
Over 4 lb. 6 oz. up to and including 4 lb. 15 oz.	12	3	—	1	—	—	—	
Over 4 lb. 15 oz. up to and including 5 lb. 8 oz.	54	—	2	—	5	—	2	
TOTAL	90	7	2	1	5	—	1	
						2	14	

NURSING, MIDWIFERY, SCHOOL HEALTH AND HEALTH VISITING SERVICES

District Chief Nursing Officer's Report 1971

A Decade of Progress

At this point in time it is natural to look back over the ten years 1961/71, the period of delegation to Easington Rural District Council of health and welfare services. It is said self-praise is no recommendation but I believe it is justified at a time when some of the staff are "bothered" about future changes in control and administration. We need to see what progress has been made and determine progress shall continue locally to the benefit of Easington Rural District citizens no matter the umbrella under which we serve. Progress depends on the quality and intent of individual effort and also the willingness to "team up" for greater efficacy of skills.

Over the past ten years I have seen the development of a much more personal service to the community, I have also seen the growth of understanding of individual members of the team of others' responsibilities and skills and the forging of links in a chain of service. This rapport has been fostered through group meetings on professional and social occasions.

DISTRICT NURSES have co-operated in inevitable reasonable changes in patterns of work and have benefitted in the main from a closer working relationship with general practitioners.

MIDWIVES have seen great changes in their work programmes and without doubt more changes are ahead. These changes will benefit the midwife's skill and should remove entirely the misunderstanding which sometimes existed between hospital and domiciliary staffs.

HEALTH VISITORS will be relieved to some extent of some of their past responsibilities by the implementation of the Social Services Act. There is, however, no danger of redundancy or under-employment of health visitors. Preventive medicine is time consuming and the size of present case loads, inevitable because of staff recruitment difficulties in the North East, requires health visitors to be carefully selective of priorities whilst at the same time realising that early recognition of deviations from acceptable normal patterns of development in young children and other groups cannot happen unless there is contact at home visits and centre attendances.

Much has been achieved in the past ten years but we should not be complacent. There is much more needing to be done particularly in health education, screening of young children, immunisation programmes and care of the elderly particularly those without family support.

HEALTH EDUCATION

Sessions in the schools have increased and the excellent work of the health visitors involved is obviously appreciated. A number of requests for more programmes have occurred.

The Annual Health Exhibition held in October in the Peterlee Health Centre was attended by over 1300 school children in organised groups from schools throughout the Easington Rural District. The theme of the Exhibition was 'The Road to Good Health' and health visitors, dental officers and school nurses co-operated to produce an excellent show. Carefully produced, well illustrated displays on many subjects included nutrition, immunisation, accident prevention, drugs and smoking. Supporting films were shown to all age groups.

Whatever changes lie ahead let us go on being primarily concerned to make progress ourselves towards an ideal National Health Service.

DOMICILIARY MIDWIFERY

The following number of Midwives gave notice of intention to practice in the Easington Rural District during the year:—

District Midwives	..	..	..	9
District Nurse Midwives	..	..	..	—
Midwives in Hospital	..	..	..	18
Midwives in private practice	..	..	..	—
				—
				27
				—

At the end of the year six full-time and three part-time District Midwives were employed, all were paid car allowances. Four District Midwives attended refresher courses.

The following table gives details of work undertaken in 1971:—

TABLE 15

**Number of Deliveries attended by Domiciliary Midwives
during the Year**

	Dr. not booked		Dr. booked		Total	Discharge from Hospital within 48 hours	Discharge from Hospital before 10th day
	Dr. present	Dr. not present	Dr. present	Dr. not present			
District Mid- wives	1	2	2	171	176	357	952

Midwives requisitioned medical help on 121 occasions during the year and the following statement gives particulars as to the reason for so doing:—

1. Ante-natal examination – general	..	..	..	..	1
2. Ante-natal examination – albuminuria	..	..	..	..	8
3. Threatened miscarriage	..	..	..	..	2
4. Miscarriage	..	..	..	..	1
5. Contracted pelvis, disproportion between child and pelvic outlet	..	..	..	..	1
6. Malpresentation	..	..	..	..	3
7. Ante-partum hæmorrhage	..	..	..	..	2
8. Placenta prævia	..	..	..	..	—
9. Prolonged or delayed labour, uterine inertia	..	..	..	..	10
10. Post-partum hæmorrhage	..	..	..	..	—
11. Retained or adherent placenta or membranes	..	..	..	..	5
12. Ruptured perineum	..	..	..	..	30
13. Premature birth	..	..	..	..	5
14. Puerperal Pyrexia	..	..	..	..	4
15. Other conditions of motherhood	..	..	..	..	12
16. Inflammation of the child's eyes	..	..	..	..	3
17. Congenital malformation	..	..	..	..	—
18. Other conditions of baby	..	..	..	..	4
19. Stillbirth	..	..	..	..	1
20. Neonatal death	..	..	..	..	—
21. Other reasons	..	..	..	..	29

In addition to the notifications of sending for medical help, the following notifications were received from midwives:—

Stillbirths	..	..	..	..	1
Death of mother	..	..	..	..	—
Death of child	..	..	..	..	—
Laying out of the dead	..	..	..	..	—
Liability to be a source of infection	..	..	..	..	1

HEALTH VISITING

At the end of the year the Health Visiting staff numbered 12 full-time and two part-time. Twelve of these officers were authorised car users.

During the year Health Visitors attended courses as follows:—

- One – First Line Management Course;
- One – Field Work Instruction Course;
- One – Refresher Course.

Summary of first visits to cases during 1971:—

Children born in 1971	..	..	..	..	1555
Children born in 1970	..	..	..	..	2119
Children born 1966-69	..	..	..	..	3296
Persons aged 65 years or over	..	..	..	..	3051
Mentally disordered persons	..	..	..	..	20
Discharges from hospital	..	..	..	..	692
Tuberculosis households	..	..	..	..	258
Infectious diseases	..	..	..	..	4
Other cases	..	..	..	..	850
Total cases visited	..	..	..	..	11153

During the year a total of 42,412 visits were made to the following groups of persons:—

	Visits
Children under five years	24721
Expectant mothers – Ante-natal	779
Tuberculosis patients	414
School children	750
Mentally disordered	53
Aged persons	5543
Problems families	707
Physically handicapped	401
General health	1313
 Total effective visits	 34681
Ineffective visits	7731
 Total	 42412

TABLE 16
HOME NURSING STATISTICS - 1971

YEAR	STAFF		GENERAL MEDICAL		GENERAL SURGICAL		INFECTIOUS DISEASES		TUBERCULOSIS		MATERNAL COMPLICATIONS		OTHERS		TOTAL	
	Whole-time	Part time	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits	Cases	Visits
1970	15	—	1853	37551	579	8902	—	—	21	836	17	180	—	—	2470	47469
1971	15	—	1656	38552	822	10303	—	—	6	176	15	113	—	—	2499	49144

TABLE 17

YEAR	Patients included in above table who were 65 or over at the time of the first visit during the year.		Children included in above table who were under 5 at the time of the first visit during the year.		Patients included in above table who had more than 24 visits during the year.	
	Cases	Visits	Cases	Visits	Cases	Visits
1970	994	27609	114	966	395	26968
1971	1074	28380	125	935	472	33277

HOME NURSING

At the end of the year 15 District Nurses were employed, all of whom were authorised car users. Tables 16 & 17 give details of cases and visits with comparable figures for 1970.

VACCINATION and IMMUNISATION

Diphtheria, Whooping Cough, Tetanus, Poliomyelitis and Measles.

The schedule for vaccination and immunisation of children is as follows:—

Age	Vaccine	
4 months	Triple (Diph. Tet. & Whooping Cough) & Polio	1st dose
6 months	Triple (Diph. Tet. & Whooping Cough) & Polio	2nd dose
12 months	Triple (Diph. Tet. & Whooping Cough) & Polio	3rd dose
13 months	Measles	
4 years	Diphtheria, Tetanus and Polio	Booster dose

Leaflets drawing attention to the need for children to be protected against these diseases are sent to the parents of all children attaining the age of four months. All leaflets give details of facilities available for vaccination and immunisation throughout the district.

Rubella vaccination was carried out in the latter part of the year for girls between their 11th and 14th year.

During 1972 it is proposed to introduce computer control of immunisation and vaccination in respect of children born on or after 1st January, 1972. Parents will be given the choice of children's immunisation at the General Practitioner's surgery or the local Authority Clinic. When the child becomes due for immunisation, an appointment card will be produced showing place, date, time and type of immunisation. Lists of children protected will then be returned to the department and the information will be fed back into the computer in readiness for the next appointment.

Details of children vaccinated and immunised in the district during the year are given in Tables 18 and 19.

TABLE 18
SMALLPOX VACCINATION

AGE	0-3 months	3-6 months	6-9 months	9-12 months	1 year	2-4 years	5-15 years	TOTAL
No. VACCINATED	—	1	—	2	140	80	29	252
No. RE-VACCINATED	—	—	—	—	—	2	15	17

TABLE 19

IMMUNISATION AND VACCINATION

COMPLETED COURSES OF IMMUNISATIONS FOR WHICH RECORDS
WERE RECEIVED DURING, 1971

PRIMARY COURSES

Type of vaccine	Year of Birth					Others under age 16	Total
	1971	1970	1969	1968	1964- 1967		
Quadruple DTPP	—	—	—	—	—	—	—
Triple DTP	21	825	162	32	34	1	1075
Diphtheria/ Pertussis	—	—	—	—	—	—	—
Diphtheria/ Tetanus	—	16	3	—	108	15	142
Diphtheria	—	—	—	—	—	—	—
Pertussis	—	—	—	—	—	—	—
Tetanus	—	—	—	—	4	8	12
Salk	—	—	—	—	—	—	—
Sabin	24	857	151	43	158	13	1246
Measles	—	305	234	83	51	1	674
Rubella	—	—	—	—	—	673	673

REINFORCING DOSES

Quadruple DTPP	—	—	—	—	—	—	—
Triple DTP	—	2	12	6	667	8	695
Diphtheria/ Pertussis	—	—	—	—	—	—	—
Diphtheria/ Tetanus	—	—	1	—	757	9	767
Diphtheria	—	—	—	—	—	—	—
Pertussis	—	—	—	—	—	—	—
Tetanus	—	—	1	3	23	125	152
Salk	—	—	—	—	—	—	—
Sabin	1	1	11	4	1479	15	1510

PREVENTION OF ILLNESS, CARE AND AFTER-CARE

B.C.G. VACCINATION

Tuberculin testing and vaccination of all school children aged 11 years and upwards was carried out during the year. Of 997 children tested, 11 were found tuberculin positive. Protection against tuberculosis by B.C.G. vaccination was given to 914 children.

In addition to this, 881 school entrants were skin-tested and two were found to be positive. These were referred to the Chest Physician for further investigation.

CERVICAL CYTOLOGY

Weekly sessions were held at the Health Centre, Peterlee, during the year, the details are as follows:—

No. of sessions held	..	..	..	..	47
No. of smears taken	..	..	..	..	825
No. of repeat smears	..	..	..	..	497
No. of positive cases	..	..	..	..	3

NURSING EQUIPMENT

A store of nursing equipment is held in the Health Department. Issues are made on the recommendation of a doctor, health visitor, district nurse or social worker. During the year 1168 issues were made compared with 910 in 1970. Table 20 gives details.

The demand for disposable incontinence pads continued during the year and the number issued was 5,532 compared with 3,400 in 1970.

TABLE 20
NURSING EQUIPMENT LOANED DURING 1971

Article	No.	Article	No.
Air Rings	.. .. 42	Invalid Chairs (Adult)	82
Bath Mats	.. .. 31	Invalid Chairs (Junior)	6
Bath Rails	.. .. 44	Lifting Poles	1
Bath Seats	.. .. 48	Mattresses (Sorbo) ..	24
Bed Cages	.. .. 50	Nelson Knife	1
Bed Pans	.. .. 94	Patient Lifter	1
Bedrests ..	.. .. 99	Plastic Sheets ..	228
Bedsteads	.. .. 19	Powell Seat Unit ..	1
Bed Table	.. .. 1	Rubber Sheeting ..	2
Commodes	.. .. 127	Sorbo Rings	8
Crutches	.. .. 2	Toilet Seat (Inflatable)	3
Crutches—Elbow	.. .. 3	Toilet Seat (Raised) ..	5
Cushions (Sorbo)	.. .. 12	Toilet Aid	7
Eneurisis Sets ..	.. .. 4	Tripod Sticks	41
Fracture Boards	.. .. 5	Urinals	70
Flotation Cushion	.. .. 1	Walking Aids	72
Helping Hands	.. .. 1	Walking Sticks	33

CHIROPODY

This service, mainly to aged persons, has had to be curtailed during the year owing to the resignation of two Chiropodists. However, the remaining Chiropodist has maintained regular sessions in Clinics throughout the district. During the year a total of 6687 treatments were given compared to 8149 in 1970. Table 21 gives details.

TABLE 21
Chiropody Service

CENTRE						No. of treatments
Horden	..	..	..	..	..	957
Murton	..	..	..	..	..	1121
Easington	..	..	..	..	..	776
Peterlee	..	..	..	..	..	977
Thornley	..	..	..	..	..	179
Wingate	..	..	..	..	..	853
Shotton	..	..	..	..	..	284
Wheatley Hill	..	..	..	..	..	346
						5493
Domiciliary Treatment		..	..	..	..	1194
						6687

WELFARE SERVICES

The following services ceased to be the responsibility of the Health Committee on 1st October, 1971, when they were transferred to the new Durham County Social Services Department. As these services have been administered by this department for the last 10 years, I give comparable figures for the nine months ended 31st December, 1961, to show the expansion achieved.

DOMESTIC HELP SERVICE

The demand for this service continued to increase during the year and a greater number of people were receiving assistance than previously.

The district is divided into two areas, each supervised by an Organiser who engages and places domestic helps and investigates all applications for help.

The charge for the service was 43p per hour, but the amount payable may be reduced in accordance with the scale of charges which takes into account the ability of the family or individual to pay.

The cost of the service for the financial year 1970/71 was £50,836 compared with £20,380 in 1961/62.

The following summary gives details of work accomplished during the period ended 30th September, 1971, and comparable figures for the nine months ended 31st December, 1961:-

		1961	1971
Cases provided with help during the period		464	982
Cases attended at end of period	..	352	849
New cases attended	.. ..	130	200
Cases terminated	.. ..	112	133
Cases on waiting list	.. ..	11	—
Visits by Organisers	.. ..	2228	4291
Domestic Helps employed	.. ..	174	392

MENTAL HEALTH SERVICE

		1961	1971
STAFF			
Senior Mental Welfare Officer	.. ..	—	1
Mental Welfare Officers	.. ..	1	2
Supervisor, Junior Training Centre	.. ..	1	1
Superintendent (Male)			
Adult Training Centre	.. ..	—	1
Deputy Superintendent,			
Adult Training Centre	.. ..	—	1
Teachers, Junior Training Centre	.. ..	—	2
Assistant Supervisor, Junior Training			
Centre	.. ..	1	2
Assistant Supervisor, Adult Training			
Centre	.. ..	—	1
Craft Instructor, Adult Training Centre		—	1
Trainee Assistant Supervisors,			
Junior Training Centre	.. ..	2	—

ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY

TABLE 22
HOSPITAL ADMISSIONS

HOSPITAL	Sect. 25	Sect. 26	Sect. 29	Sect. 60	Inform.	Temp.	TOTAL
MENTALLY ILL							
Winterton, Sedgefield	1	—	37	—	2	—	40
Cherry Knowle, Ryhope	—	—	3	—	—	—	3
General Hospital, H'pool	—	—	—	—	2	—	2
Total	1	—	40	—	4	—	45
MENTALLY SUB-NORMAL							
Prudhoe & Monkton	—	—	—	—	—	1	1
Earl's House, Durham	—	—	—	—	—	4	4
TOTAL	—	—	—	—	—	5	5
GRAND TOTAL	1	—	40	—	4	5	50

ASCERTAINMENT

Cases of mental subnormality are notified by School Medical Officers, General Practitioners, Health Visitors, Social Workers and Hospitals. Under Section 57 of the Education Act, 1944 (now replaced by the Education (Handicapped Children) Act, 1970), two boys were notified as unsuitable for education at school.

At the end of the year, there were 376 (300 in 1961) mentally subnormal persons on the register, eight of these being added during the year, compared to 22 in 1970.

The supervision of mentally subnormal and mentally ill is carried out by Mental Welfare Officers, although Health Visitors continue to supervise younger children. Visits made during 1971 with comparable figures for 1961 were as follows:—

	1961	1971
Health Visitors	569	32
Mental Welfare Officers	154	1575

TRAINING CENTRES

During the year, both Training Centres were taken over by different departments. The Adult Training Centres became the responsibility of Durham County Social Services Department as from 1st October, 1971, and the Junior Training Centre administration was passed to the Education Department as from 1st April, 1971. Both centres continued to operate satisfactorily during the period, although a certain amount of inconvenience was caused by mining subsidence at the Adult Training Centre. The number of trainees attending the Centres, compared with 1961, were as follows:

	1961	1971
Junior Training Centre ..	39	45
Adult Training Centre ..	—	66

NATIONAL ASSISTANCE ACT, 1948 WELFARE OF THE BLIND AND PARTIALLY-SIGHTED

REGISTER AND REGISTRATION OF BLIND PERSONS

The number of blind persons on the register at 30th September, 1971, was 155, compared with 140 in 1961. Table 23 gives details.

TABLE 23
Blind Population according to Age and Sex

Age	1 and under	2-4	5-10	11-15	16-20	21-29	30-39	40-49	50-59	60-64	65-69	70-79	80 & over	TOTAL
M	—	—	1	2	3	3	6	5	8	7	6	19	13	73
F	—	—	1	—	2	1	—	5	10	6	8	20	29	82
TOTAL	—	—	2	2	5	4	6	10	18	13	14	39	42	155

During this period 16 blind persons were added to the register and 12 either died or left the district.

Three part-time ophthalmologists examined 31 cases referred to them, classified as follows:—

First Examination

No. certified blind ..	..	..	..	..	..	13
No. certified partially-sighted ..	..	..	..	..	..	5
No. certified not blind ..	..	..	..	..	..	5
						—
						23

Re-examinations

No. certified blind ..	..	..	..	..	..	5
No. certified partially-sighted ..	..	..	..	..	..	1
No. certified not blind ..	..	..	..	..	..	—
No de-certified from partially-sighted register ..	..	..	..	..	..	2
						—
						8

REGISTRATION OF PARTIALLY-SIGHTED PERSONS

The number of partially-sighted persons on the Council's register on 30th September, 1971, was 57 (25 in 1961). Table 24 gives details.

TABLE 24

Partially-sighted Persons according to Age and Sex

AGE	0-1	2-4	5-15	16-20	21-49	50-64	65 and over	TOTAL
M	—	—	8	2	2	2	13	27
F	—	—	3	1	3	2	21	30
TOTAL	—	—	11	3	5	4	34	57

EMPLOYMENT

The following information relates to trained blind persons in employment at the end of the period.

	1961	1971
Royal Institute for the Blind, Sunderland	—	1
Workshops for the Blind, Hartlepool	1	3

HOME TEACHING SERVICE

One Social Worker for the Blind was employed by this Authority, and visits are made regularly to all persons on the register. Classes were held twice per week for teaching handicrafts.

TALKING BOOK MACHINES

At 30th September, 1971, 25 blind persons were using talking book machines.

WELFARE OF THE PHYSICALLY HANDICAPPED

The number of physically handicapped persons on the register increased by 64 during the period, to a total of 272 males and 232 females. At the end of 1961 there were 49 males and 44 females on the register.

At the end of September, 18 car badges had been issued to disabled drivers to enable them to obtain parking privileges.

WELFARE OF THE DEAF

The service is operated on an agency agreement by the Northumberland and Durham Mission for the Deaf. Welfare Officers visit and look after the general welfare of the registered persons. At the end of the period the number of persons registered deaf or hard of hearing was 47 (50 in 1961), details were as follows:—

					M.	F.	Total
Under 16 years	..	..	..	..	1	2	3
16-64 years	..	..	..	..	20	19	39
65 years and over	..	..	..	..	1	4	5
					22	25	47

SECTION V

SCHOOL HEALTH SERVICE

PERIODIC MEDICAL INSPECTIONS

Medical Inspections are still carried out in the three groups:— Entrants, Ten Plus Age Group and Last Year of Compulsory Education.

Age Group inspected (By Year Birth)	Physical Condition of Pupils Inspected		No. of Pupils found not to warrant a medical examination	Pupils found to require treatment (excluding dental diseases and infestation with vermin)		Total individual pupils
	No. of Pupils who have received full medical examinations	Satisfactory		Defective vision (excluding squint)	For any other condition recorded at Part II	
		2		4	5	
1967 and later	6	6	—	—	—	2
1966	59	59	—	5	14	15
1965	76	76	—	7	10	16
1964	287	287	—	48	54	83
1963	135	135	—	19	21	32
1962	60	60	—	4	4	6
1961	31	31	—	2	4	5
1960	48	48	—	8	4	12
1959	60	59	—	10	15	23
1958	37	37	—	11	7	16
1957	549	549	—	100	93	168
1956 and earlier	762	757	5	128	127	229
	2110	2102	8	342	355	607

School Medical Officers also made visits to Horden Day School to carry out medical inspections of educationally subnormal pupils and to Easington Day School in order to examine mentally subnormal.

The percentage of children whose physical conditions were found to be unsatisfactory was 0.38% compared with 0.75% in 1970.

The number of children inspected was 2122 of which 12 were specials.

26 Re-inspections were carried out.

The number of children in schools at January 1972 was 17,302 divided as follows:-

				Number	Children on Roll
Nursery	..	..	..	1	40
Primary	..	..	..	46	10,664
Secondary, Grammar, Comprehensive				13	6,428
E.S.N. Day	..	..	..	1	126
Mentally Handicapped	..	..	..	1	44
				—	—
				62	17,302
				—	—

**DEFECTS FOUND AT MEDICAL INSPECTIONS DURING
THE YEAR**

Defect or Disease	Periodic Inspections									
	Entrants		Leavers		Others		Total		Specials	
	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)	(T)	(O)
Skin	15	—	44	3	25	1	84	4	1	—
Eyes—										
(a) Vision	79	58	203	45	60	14	342	117	3	—
(b) Squint	25	2	43	7	10	2	78	11	1	—
(c) Other	1	—	4	—	3	—	8	—	—	—
Ears—										
(a) Hearing	7	30	9	12	—	6	16	48	—	—
(b) Otitis Media	3	12	7	5	2	4	12	21	—	—
(c) Other	4	—	5	—	2	—	11	—	—	—
Nose and Throat	20	48	19	18	3	11	42	77	1	—
Speech	1	5	—	—	—	3	1	8	—	—
Lymphatic Glands	—	6	—	2	—	2	—	10	—	—
Heart	—	1	2	1	1	2	3	4	—	—
Lungs	9	16	10	9	3	7	22	32	—	2
Development—										
(a) Hernia	3	3	1	2	1	—	5	5	—	—
(b) Other	3	8	—	—	—	3	3	11	—	1
Orthopaedic—										
(a) Posture	1	—	—	3	—	1	1	4	—	—
(b) Feet	4	3	6	7	2	—	12	10	—	—
(c) Other	2	1	8	9	3	4	13	14	1	—
Nervous System										
(a) Epilepsy	2	2	2	—	—	—	4	2	—	—
(b) Other	2	2	9	4	3	2	14	8	—	—
Psychological										
(a) Development	—	5	—	—	2	5	2	10	—	—
(b) Stability	2	1	4	1	3	4	9	6	2	—
Abdomen	1	6	6	5	1	7	8	18	1	2
Other	6	7	28	—	10	—	44	7	4	—

(T) Number of pupils found to need treatment.

(O) Number of pupils found to need observation.

PERMANENT SCHOOL CLINICS

Clinic	Sessions		
PETERLEE Fleming Place	Medical Officer	Friday	
	Dental Officer	Daily	
	Speech Therapist	Monday, Wednesday (a.m.) Thursday Friday (p.m.)	
	Child Guidance Clinic	Tuesday (alternate)	
	Educational Psychologist	By arrangement	
	Audiometrist	By arrangement	
	Ophthalmologist	Friday (a.m.)	
	Building used by Child Health and School Health Services		
MURTON 21 Woods Terrace	Medical Officer	Alternate Thursdays (a.m.)	
	Dental Officer	Wednesday and Friday	
	Speech Therapist	Tuesday (a.m.)	
	Educational Psychologist	By arrangement	
	Audiometrist	By arrangement	
	Building used by Child Health and School Health Services		
WINGATE 'Oaklea', Fir Tree,	Medical Officer	Alternate Monday (a.m.)	
	Dental Officer	Monday Tuesday Thursday	
	Speech Therapist	Wednesday (p.m.)	
	Educational Psychologist	By arrangement	
	Audiometrist	By arrangement	
	Ophthalmologist	Wednesday (a.m.) (Resigned November, 1971)	
	Building used by Child Health and School Health Services		
WHEATLEY HILL School House Front Street	Medical Officer	Alternate Thursday (p.m.)	
	Educational Psychologist	By arrangement	
	Building used by Child Health and School Health Services		
	As from January, 1972 building extensions will be carried out at Peterlee Health Centre and therefore during this period arrangements have been made for the audiometric sessions currently held at Peterlee School Clinic to be transferred to Horden Clinic. During the year ended 31st December, 1971, Horden was not used as a school clinic.		

The School Clinics continue to be held at fixed times to allow Head Teachers, E.W.O.'s etc. to refer children without previous appointments when they require a medical examination. The majority of children seen at school clinics attend by appointment e.g. persistent absentees, request for change of schools, request for free school milk, behaviour problems, etc. College Entrants and Super-annuation and Sick Pay examinations are also carried out during the routine clinic times.

NURSING AND HEALTH VISITOR SERVICES

The four School Nurses carried out the majority of the cleanliness inspections with some help from the health visitors. 698 visits were made to schools, 29,188 inspections were carried out and 1,752 individual pupils were found to be infested. Following these inspections, 2697 follow-up visits were made to the children's homes.

School nurses also made 72 follow-up visits to the homes of those children who had been discharged from hospital. They also carried out visits following complaints by Head Teachers, Education Welfare Officers, etc. (e.g. query scabies and impetigo), and carried out a large number of foot inspections both in the homes and schools.

They were in attendance at medical inspections in school, at vaccination and immunisation sessions and all school clinics including audiometric and vision clinics. School nurses also escorted children to and from residential schools at holiday times.

OTHER FACILITIES FOR MEDICAL TREATMENT

VISION TESTING

Weekly sessions continued to be held at Peterlee Clinic. Weekly sessions were also held at Wingate School Clinic until November when Mr. Sharpe, Consultant Ophthalmologist resigned. The vacancy had not been filled by the end of the year.

During the year, 745 appointments were offered, 565 children were tested and spectacles were prescribed in 279 cases.

52 children who required orthoptic treatment were referred to Sunderland Eye Infirmary.

Vision testing was still carried out by school nurses in schools prior to school medical inspections.

AUDIOMETRIC TESTING

The Audiometrician continued to visit Infant Schools to carry out a sweep test of hearing and 45 schools were visited during the year. 3559 children were tested and of these, 285 i.e. 8.00% failed testing compared with 7.70% in 1970. In addition all children requiring speech therapy or for examination as possibly educationally sub-normal are also tested for possible hearing loss.

**Analysis of Cases examined at the School Clinics during
the year 1971**

Defect or Disease				No. of cases	No. Exam.
1. Cleanliness	..	..	..	—	—
2. Infestation – Head	..	..	..	5	6
Body	..	..	..	1	1
3. Teeth	..	..	..	1	1
4. Skin (a)	Ringworm of Scalp	..	..	—	—
(b)	Ringworm of Body	..	..	—	—
(c)	Other	..	..	6	9
5. Eyes (a)	Vision	..	..	56	63
(b)	Squint	..	..	1	1
(c)	Other	..	..	3	5
6. Ears (a)	Hearing	..	..	428	1086
(b)	Otitis Media—R	..	..	—	—
	—L	..	..	2	2
(c)	Other	..	..	—	1
7. Nose and throat	..	..	..	6	9
8. Speech	..	..	..	5	5
9. Lymphatic Glands	..	..	..	1	1
10. Heart and Circulation	..	..	..	3	6
11. Lungs	..	..	..	8	24
12. Development (a)	Hernia	..	..	—	—
(b)	Other	..	..	1	2
13. Orthopaedic (a)	Posture	..	..	1	1
(b)	Feet	..	..	1	1
(c)	Other	..	..	3	3
14. Nervous System (a)	Epilepsy	..	..	3	3
(b)	Other	..	..	4	3
15. Psychological (a)	Development	..	..	12	13
(b)	Stability	..	..	34	110
16. Abdomen	..	..	..	4	6
17. General Debility	..	..	..	16	37
18. Other Defects	..	..	..	11	16
19. No appreciable Defect or Disease				2	2
TOTALS				618	1,417

1,346 appointments for audiometric tests were arranged at school clinics throughout the area during the year and the results were as follows:-

Recommended for P.H.U.	Referred to G.P.	For Further Observation	Appointments not kept	No Further Action
4	49	750	260	283

HEARING AIDS

All children with hearing aids who attend ordinary schools in the area are seen at intervals by the School Medical Officers together with Mr. L. C. Smith, County Organiser for Deaf Education. Reports are also received from Head Teachers and Mr. Lund, Peripatetic Teacher of the Deaf. The Children are examined at clinics to ensure that each is receiving the maximum benefit from the hearing aid.

At the end of 1971, 20 children were wearing hearing aids. 13 of these were attending ordinary schools, 6 attending Partially Hearing Units and 1 attending residential school for the Deaf. In addition children under school age referred by the Chief Nursing Officer as having hearing defects are also seen at these joint clinics.

CHILD GUIDANCE CLINIC

Dr. E. Bruce, Assistant Psychiatrist, continued to hold one day sessions on alternate Wednesdays at Peterlee Clinic until October, she then re-arranged her programme in order to attend on alternate Tuesdays.

During the year, there were 150 attendances by 52 children. Of these, 23 were carried forward from 1970 and 29 were new cases. By the end of the year, 25 of the 52 children had been discharged from the clinic, 2 left the area and 1 boy was admitted to Aycliffe Remand Home. One girl who attended the child guidance clinic was recommended for admission to Windlestone Hall Residential School, two boys were recommended for Redworth Hall, one girl was recommended for Horden Day School and two boys were recommended to be taken into care. At the end of the year, two girls and two boys were awaiting placement in schools for the maladjusted.

The waiting list remains lengthy. A large number of the cases are referred by the District Education Officer as school refusals and truants. Other cases are referred by family doctors, Educational Psychologist, Head Teachers, etc.

Physically and mentally handicapped children are ascertained either at clinics or where necessary at home.

The following figures show the distribution of handicapped children in the various categories at the end of the year.

Blind	..	..	..	..	..	..	..	..	4
Partially sighted	..	..	..	..	..	..	..	..	6
Deaf	..	..	..	..	..	..	..	..	3
Partially hearing	..	..	..	..	..	..	..	..	11
Physically Handicapped									22
Delicate	..	..	..	..	..	..	..	..	11
Epileptic	..	..	..	..	..	..	..	..	—
E.S.N.	..	..	..	..	..	..	..	..	180
Maladjusted	..	..	..	..	..	..	..	..	13
Mentally Handicapped Children									47

The above figures include pupils who have been recommended for Special Schools but who at the end of the year were still attending ordinary schools or were pre-school children.

In all 44 children are attending special schools. (Apart from E.S.N. and Mentally Handicapped).

(a) *Blind*

Four pupils were attending residential schools for the blind at the end of the year. There were no new admissions or discharges from special schools. Two children were examined during the year and will probably be recommended for admission to residential schools for the blind.

Partially Sighted

During the year, one pupil left a Partially Sighted residential school, one left the Day School, there were no new admissions and therefore at the end of the year six pupils were attending the Day School for the Partially Sighted.

(b) *Deaf*

There was no change in the number of pupils attending residential schools for the Deaf. Two pupils were attending the Northern Counties School for Deaf and one at a residential school at Boston Spa.

Partially Hearing

Five pupils were admitted to Langley Moor Partially Hearing Unit and three pupils left making a total of ten pupils attending Partially Hearing Units at the end of the year. One pupil was still awaiting placement at the end of the year.

(c) *Physically Handicapped Pupils*

One pupil was admitted to a Boarding School making a total of three pupils in Residential schools at the end of the year, three pupils were also attending Thornhill Day School, three were receiving home tuition and twelve were being provided with special transport to ordinary schools.

(d) *Delicate Pupils*

During the year, three pupils were admitted to Residential Schools and two pupils left making a total of four pupils in Residential Schools at the end of the year. Two pupils were admitted to the Day School for Delicate and one pupil left making a total of two in the Day School at the end of the year. One pupil was still awaiting placement in a residential school for Delicate, three pupils were receiving home tuition and one was receiving special transport to ordinary schools.

(e) *Educationally Sub-normal Pupils*

Five pupils were admitted to E.S.N. Residential Schools and two pupils left making a total of 19 pupils attending residential schools at the end of the year. One of the pupils admitted to a residential school, transferred into the area from Seaham. 123 pupils were attending the Special Day School at Horden and of these 3 were living outside the Easington Rural District Area.

(f) *Mentally Handicapped*

From 1st April, the Education Authority became responsible for the administration of the Easington Junior Training Centre now known as Easington Glenhill Day School for Mentally Handicapped. At the end of the year, there were 45 pupils in the Day School, 4 of whom lived outside the Easington Rural District Area. 2 pupils were still awaiting placement at the end of the year.

(g) *Maladjusted Pupils*

During the year, three boys and one girl were admitted to Residential Schools for the Maladjusted, the girl and one of the boys were already attending residential schools when they transferred into the Easington area. Two boys left Maladjusted schools during the year as having reached school leaving age. At the end of the year, there were seven boys and two girls in residential schools, two boys and two girls were awaiting placement.

MISCELLANEOUS MEDICAL EXAMINATIONS

(Figures in brackets relate to 1970)

College Entrants and Intending Teachers	98 (101)
Superannuation and Sick Pay Cases	69 (95)
Part-time employment while still attending school	4 (2)
Free School Milk	3 (—)

VACCINATION AND IMMUNISATION

During the year a total of 43 schools were visited by the School Medical Officer and staff in order to carry out Poliomyelitis and Diphtheria Tetanus vaccination. 124 full courses of poliomyelitis and 280 poliomyelitis boosters were given. In an offer to school entrants, 385 booster doses and 123 primary courses of diphtheria tetanus were given.

B.C.G. vaccination of pupils in secondary modern schools and a course of Rubella to all fourteen-year-old girls was carried out by the Medical Officer of Health and his staff. These figures are included in the Medical Officer of Health's report on Health and Welfare.

DENTAL SERVICES

The four dental surgeries are still in operation, two surgeries at Peterlee working full time and Wingate and Murton part-time. Dr. H. G. Saunders – consultant anaesthetist administered general anaesthetics at all four surgeries, and Mr. D. A. Dixon – consultant orthodontist attended Peterlee Clinic each month. Pierre the Clown visited every infant and junior school within the authority during the month of March and his dental health education was greatly appreciated by the children. Further dental health education was also given to the children attending the health exhibition at Peterlee Clinic in October. We are extremely grateful for the helpful assistance given by the consultants and staff of the Dental Unit Sunderland General Hospital to whom patients were referred during the year.

ATTENDANCES AND TREATMENT

		Ages	Ages	Ages	Total
		5 to 9	10 to 14	15 and over	
First Visit	1,581	1,456	357	3,394	
Subsequent Visits	2,036	2,583	557	5,176	
Total Visits	3,617	4,039	914	8,570	
Additional courses of treatment commenced ..	95	116	22	233	
Fillings in permanent teeth	1,938	3,651	1,185	6,774	
Fillings in deciduous teeth	1,669	44	—	1,713	
Permanent Teeth filled ..	1,420	2,992	1,065	5,477	
Deciduous teeth filled ..	1,409	38	—	1,447	
Permanent teeth extracted	125	619	141	885	
Deciduous teeth extracted	2,527	851	—	3,378	
General anaesthetics ..	768	366	35	1,169	
Emergencies	32	28	4	64	
Number of pupils x-rayed		352			
Prophylaxis		396			
Teeth otherwise conserved		210			
Number of teeth root filled		35			
Inlays		—			
Crowns		14			
Courses		3,012			

ORTHODONTICS

Cases remaining from previous year ..	140
New cases commenced during year ..	186
Cases completed during year ..	97
Cases discontinued during year ..	20
No. of removable appliances fitted ..	218
No. of fixed appliances fitted ..	—
Pupils referred to Hospital Consultant	40

PROSTHETICS

	5 to 9	10 to 14	15+	Total
Pupils supplied with F.U. or F.L. (first time) ..	—	—	—	—
Pupils supplied with other dentures (first time) ..	—	16	7	23
Number of dentures supplied	—	17	9	26

ANAESTHETICS

General Anaesthetics administered by Dental Officers	Nil
--	-----

INSPECTIONS

(a) First inspection at school. Number of Pupils ..	7,283
(b) First inspection at clinic. Number of Pupils ..	1,023
Number of (a) + (b) found to require treatment	3,440
Number of (a) + (b) offered treatment ..	3,414
(c) Pupils re-inspected at school or clinic ..	1,070
Number of (c) found to require treatment ..	443

SESSIONS

Sessions devoted to treatment	1,215
Sessions devoted to inspection	53
Sessions devoted to Dental Health Education	16

SECTION VI

SANITARY CIRCUMSTANCES OF THE AREA

REPORT OF THE SENIOR PUBLIC HEALTH INSPECTOR

To the Medical Officer of Health

Sir,

I have pleasure in submitting a report of the work undertaken by the Inspectors of this Department during the year 1971.

Part of the work undertaken by the Inspectors has been put in table form and, as will be seen, the many aspects of environmental hygiene have been well covered.

Again much time has been given to food and meat hygiene and inspection, whilst on the Housing side, not only was time given to Clearance of houses, but also to the greater number of Standard Grant applications, as had been hoped and the addition of visits for qualification certificates.

I am once again grateful for the assistance of my colleagues and the co-operation of the Chief Officers.

I am Sir,

Your obedient Servant,

R. E. V. WARRAND

Senior Public Health Inspector.

WATER SUPPLY

The statutory water undertaking is Sunderland & South Shields Water Company, and water which is supplied to all parts of the rural district, is adequate in quantity.

Forty-five samples of mains water were taken from consumers' premises and submitted for bacteriological examination at the Public Health Laboratory, Sunderland. All were reported as satisfactory.

Twenty-two samples were taken from ornamental lakes in the area. High bacterial counts were reported to the persons in control and the necessary steps taken to safeguard the public. Eight samples were taken from the school swimming pools.

A typical analysis of a mains supply is as follows:-

CHEMICAL ANALYSIS	EXPRESSED IN PARTS PER MILLION			
	—
Dissolved Oxygen	—
Free CO ₂	—
Alkalinity (CaCO ₃)	153·0
Chlorides (Cl)	40·0
Amoniacal Nitrogen	0·048
Albuminoid Nitrogen	—
Nitrite as Nitrogen	nil
Nitrate as Nitrogen	0·6
Oxygen Absorbed (3 hrs. at 37°C.)	0·4
Temporary Hardness	153·0
Permanent Hardness	51·0
Total Hardness	204·0
Total Solids (dried at 180°C.)	272·0
Suspended Solids (dried at 105°C.)	nil
Calcium (Ca)	46·0
Magnesium (Mg)	21·0
Aluminium (Al)	nil
Iron (Fe)	0·1
Manganese (Mn)	nil
Carbonate (CO ₃)	92·0
Sulphate (SO ₄)	92·0
Silica (SiO ₂)	5·0
Residual Chlorine	<0·1
Fluoride as F	0·5

The above analysis relates to the water supplied from New Winning Pumping Station, and although of a temporary hard nature is satisfactory in quality.

Particulars of the number of dwelling houses and the number of the population supplied from public water mains (a) direct to houses (b) by means of standpipes are given in the following table:—

LOCALITY	1 Estimated population	2 Area in acres	3 Number of houses and other premises with dwelling ac'm'dat'n	4 No. of Houses with mains supply direct to houses	5 No. of Houses with mains supply from standpipes
Burdon ..	69	1280	27		
Seaton with Slingley ..	434	1392	191	226	—
Warden Law ..	14	500	8		
Castle Eden ..	356	1546	168	168	—
Cold Hesledon ..	803	1150	305		
Dalton-le-Dale ..	631	691	258	563	—
Easington ..	8876	3709	3177	3177	—
Haswell ..	2109				
South Hetton ..	2692	3767	1730	1730	—
Hutton Henry ..	316				
Station Town ..	1801	2012	804	804	—
Hawthorn ..	262	1413	127	127	—
Blackhall ..	5873				
Hesledens ..	1064	2654	2512	2512	—
Murton East ..	8109	1406	3005	3005	—
Sheraton with Hulam ..	81	2346	41		
Nesbitt ..	7	333	3	44	—
Shotton ..	5051	1421	1760	1760	—
Horden ..	10969	1302	3699	3699	—
Peterlee ..	22384	2007	7274	7274	—
Thornley ..	3738	1148	1362	1362	—
Wingate ..	3246				
Wheatley Hill ..	5109	4570	3707	3707	—
Trimdon ..	1516				
TOTALS ..	85510	34647	30158	30158	—

The following table shows the principal nuisances and defects dealt with during the year under the Public Health and Housing Acts:—

	No. of inspections	No. of Informal Notices served	No. of Statutory Notices served	Defects remedied after Notice
Housing:				
Public Health and Housing Acts ..	7199	359	44	343
Overcrowding ..	71	—	—	—
Sanitary Conveniences:				
Insufficient	—	—	—	—
Defective	93	20	—	16
Drainage	529	87	3	96
Water Supply	245	7	—	2
Food Premises	2329	62	—	35
O.S. & R.P. Act	272	19	—	15
Dairies	115	2	—	2
Slaughterhouses:				
Public	—	—	—	—
Private	1450	4	—	3
Tents, Vans, etc. ..	48	3	—	3
Offensive Trades ..	—	—	—	—
Factories & Workplaces ..	265	25	—	11
Keeping of Animals ..	43	5	—	5
Insanitary Ashpits and Receptacles	17	5	—	5
Offensive accumulations	179	35	—	34
Smoke Nuisances & Clean Air	556	1	—	1
Prevention of Damage by Pests Act, 1949 ..	1413	3	—	3
TOTALS ..	14824	637	47	574

CLEAN AIR ACT, 1956-70

556 visits were made, 17 after complaints of smoke nuisance and 539 in connection with the proposed Smoke Control Area of Peterlee. Plans submitted to the Engineer & Surveyor were vetted for correct chimney heights, the type of furnaces, etc., and approved after consultation with the contractors.

CARAVAN SITES & CONTROL OF DEVELOPMENT ACT, 1960

There are 112 caravans on the three licensed sites.

The local authority site houses approximately 1300 caravans during the summer months.

All sites are subject to frequent inspections.

VERMINOUS PREMISES

Two Council houses and nine private houses were disinfested of bed bugs. Accounts were rendered in the case of all privately owned dwellings to cover the cost of time and materials used.

In 174 cases of infestation of house property by cockroaches, etc., advice and active assistance were given.

INFECTIOUS DISEASE INVESTIGATION

100 visits to households were made during the year in respect of infectious diseases. Disinfection was carried out where necessary and in the case of Sonne dysentery, paratyphoid fever and food poisoning approximately 115 faecal specimens were taken for bacteriological examination. Newly appointed school meals attendants were checked against the possibility of bowel infection, and 127 specimens were submitted to the laboratory.

LICENSED PREMISES, CLUBS, ETC.

109 inspections were carried out at licensed premises and clubs.

CINEMAS AND PUBLIC HALLS

19 inspections were made in respect of heating, lighting, ventilation and sanitary accommodation. Two informal notices were served and complied with.

ANIMAL BOARDING ESTABLISHMENTS

11 visits were made to the premises licensed in the area. One informal notice was served and complied with.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

273 visits were made by the inspectors to registered premises. 8 premises were registered during the year, making a total of 634.

The following table gives an analysis of contraventions:-

Offices, Shops & Railway Premises Act, 1963

(A) REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	Number of premises registered during the year	Number of registered premises at end of year	No. of registered premises receiving a general inspection during the year
Offices	2	168	68
Retail Shops ..	6	398	138
Wholesale shops, Warehouses ..	—	9	9
Catering establishments open to the public, canteens	—	59	57
Fuel storage depots ..	—	1	1
TOTALS ..	8	634	273

TOTAL NUMBER OF VISITS OF ALL KINDS BY INSPECTORS TO REGISTERED PREMISES UNDER THE ACT—273

(B) ANALYSIS OF CONTRAVENTIONS

Sec.	No. of Contraventions found	Sec.	No. of Contraventions found
4	Cleanliness	14	Sitting facilities
5	Overcrowding	—	13 Seats (Sedentary Workers)
6	Temperature	4	Eating facilities
7	Ventilation	—	16 Floors, passages & stairs
8	Lighting	—	17 Fencing exposed parts machinery
9	Sanitary conveniences ..	7	18 Protection of young persons from dangerous machinery
10	Washing facilities ..	3	19 Training of young persons working at dangerous machinery
11	Supply of drinking water	—	23 Prohibition of heavy work
12	Clothing accommodation	1	24 First aid
			Other matters
			TOTAL
			32

24 non-fatal accidents were reported.

RODENT CONTROL

Two sewer maintenance treatments were carried out during the financial year at six-monthly intervals. The following particulars show that of the 265 manholes baited, 74 gave evidence of rat infestation:—

No. of Manholes Baited	..	..	..	265
No. of Manholes Baited showing part takes of poison bait	..	..	..	64
No. of Manholes Baited showing complete takes of poison bait	..	..	..	10

During the year inspection of 583 non-agricultural properties revealed rat infestation in 304 instances and mice infestation in 219. Of the 46 agricultural properties inspected, 4 were treated for rat infestation and 3 for mice.

MINISTRY OF AGRICULTURE, FISHERIES AND FOOD
ANNUAL REPORT ON RATS AND MICE

Prevention of damage by Pests Act, 1949

YEAR ENDED 31st DECEMBER, 1971

EASINGTON RURAL DISTRICT COUNCIL

**PROPERTIES
OTHER THAN SEWERS**

1. Number of properties in district
2. a Total number of properties (including nearby premises) inspected following notification
 - b Number infested by (i) Rats
Number infested by (ii) Mice
3. a Total number of properties inspected for rats and/or mice for reasons other than notification
 - b Number infested by (i) Rats
Number infested by (ii) Mice

TYPE OF PROPERTY	
NON- AGRICULTURAL	AGRICULTURAL
34630	313
583	2
304	2
219	2
101	46
78	4
19	3

SEWERS

4. Were any sewers infested by rats during the year? (Tick as appropriate)

YES	NO
✓	1 0

HOUSING

The number of inspections of Council houses was 352. Colliery property in some villages, however, is still inspected.

98 visits were made in respect of overcrowding conditions and the facts reported to the persons concerned.

INSPECTIONS AND NOTICES UNDER THE HOUSING ACTS, 1957-69.

Number of visits and re-visits ..	..	2731
Number of informal notices served ..	..	35
Number of formal notices served ..	..	34
Number of notices complied with ..	..	73

FACTORIES ACT, 1961

During the year 265 inspections of premises subject to the provisions of the above Act were made, principally in connection with sanitary accommodation, and in those factories where mechanical power is not employed to ensure adequate lighting, ventilation, heating, general cleanliness and prevention of overcrowding in workrooms.

25 informal notices to remedy defects were served, with satisfactory results in all cases.

FACTORIES ACT 1961

PART I OF THE ACT.

1.—INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors)

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	29	61	8	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	141	165	2	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ..	14	42	15	—
TOTAL	184	268	25	—

2.—Cases in which DEFECTS were found.

Particulars (1)	Number of cases in which defects were found			Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	
Want of cleanliness (S.1) ..	15	15	—	—
Overcrowding (S.2) ..	—	—	—	—
Unreasonable temperature (S.3) ..	1	—	—	—
Inadequate ventilation (S.4) ..	—	—	—	—
Ineffective drainage of floors (S.6) ..	—	—	—	—
Sanitary Conveniences (S.7)	—	—	—	—
(a) Insufficient ..	—	—	—	—
(b) Unsuitable or defective ..	7	8	3	—
(c) Not separate for sexes ..	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	—	—	—	—
TOTAL	23	24	3	—

PART VIII OF THE ACT

OUTWORK

(Sections 133 and 134)

Nature of Work	Section 133		Section 134	
	No. of out-workers in August list required by Section 133 (1) (c) (1)	No. of cases of default in sending lists to the Council (2)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)
Carding, etc. of buttons, etc.	14	—	—	(6) (7)

SUPERVISION OF FOOD SUPPLIES

INSPECTION OF MEAT AND OTHER FOODS

MEAT

The number of licensed private slaughterhouses was seven and a good standard was maintained at each of the premises.

Perusal of the following tables will show that 25,232 animals have been slaughtered, all of which were inspected, and that 653 stones of meat and edible offal were condemned and suitably disposed of.

No difficulties were experienced in maintaining 100% meat inspection. Charges for inspection of carcases passed for human consumption are still being made. A total of £1,032 was received for this service during the year.

OTHER FOODS

The inspectors of the department have continued to issue condemnation certificates in support of trader's claims against suppliers. These certificates are normally accepted without question by the suppliers.

During the year 207 stones of other foods were condemned, an increase of 18 stones on the figure of 189 for the year 1970.

POULTRY

There are no poultry processing premises within the district. Poultry is, however, inspected during routine visits to shops.

	Cattle excluding Cows	Cows	Calves	Sheep	Pigs
Number Slaughtered	3900	109	10	17323	3890
Whole Carcasses condemned . . . (T.B. only)	—	—	—	—	—
Carcasses of which some part or organ condemned . . . (T.B. only)	—	—	—	—	—
Percentage of number inspected affected with T.B.	—	—	—	—	—
Carcasses condemned (All diseases and conditions excluding T.B.)	5	—	7	14	5
Carcasses of which some part or organ condemned. (All diseases and conditions excluding T.B.)	326	—	—	345	140
Percentage of number inspected affected with disease or condition other than T.B.	8.4%	70%	1.9%	3.6%	—

Carcases, Organs and Offal condemned as being unfit for Human Consumption during the year 1971.

	Carcases, etc.				Lungs (Sets)			Hearts			Kidneys			Livers			Heads and Tongues			Sets Stomachs and Intestines			Fat			Udders			Spleen			Plucks						
	Beef	Veal	Mutton	Pork	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Ox	Sheep	Pig	Cow	Ewe	Sow	Ox	Sheep	Pig	Ox	Sheep	Pig				
Abscesses	2					1								123			4		2																			
Cirrhosis														81 + 79 Part Livers			100																					
Corynebacterium																			2																			
Cystic conditions						6												1																				
Cysticercus Bovis																			1																			
Distomatosis																	2	282																				
Emaciation						8																																
Erysipelas							1																															
Hydronephrosis															2																							
Immaturity					7																																	
Insufficient Bleeding					1																																	
Moribund							1																															
Oedema					2		4	1																														
Pericarditis																	5	2	7																			
Peritonitis																																						
Pleurisy									1																												1	
Pneumonia									4	21	14																									10	4	
Pyaemia							1																															
Pyrexia									1																													
Septic Conditions					1		1																															
Telangiectasis																			3																			

MEAT SURRENDERED FOR OTHER REASONS

		sts.	lbs.
Beef		33	11
Pork		2	0
Mutton		10	9

Provisions, Fish, etc. Condemned as being unfit for Human Consumption during the year 1971

Cause of Unfitness	Provisions, Loose		Tinned/Bottled Foods sts. lbs.	Fish & Fish Products sts. lbs.
	sts. lbs.	sts. lbs.		
Contamination	Confectionery and Biscuits Dried Vegetables Bacon and Ham Cheese Cereals	10 5 7 12 1 7 1 2½ 7 0		
Decomposition				
Extensive Mould	9 Cases of Grapes	5 11		
Insect Infestation	9 Packs of Cereals	9		
Rodent Damage	Fresh Vegetables	3 4		
	Frozen Foods Frozen Duck Frozen Chicken Frozen Turkey Frozen Vegetables	24 10 1 4 8 8 52 0 3 0		
Condemned as unfit due to breakdown of refrigerator				
	Decomposition due to blown and damaged tins			
	Broken Jars			
	21 Tins Fish Products 370 Tins Fruit 83 Tins Meat Products 53 Tins Milk 38 Tins Sundries 466 Tins Vegetables	13½ 11¼ 17 9 2 9 1 0 29 0		
	12 Jars Preserves	9½		

Total weight of Meat and Edible Offal condemned	..	..	..	..	653	sts.	1 lb.
Total weight of Tinned Foods, etc. condemned	..	..	..	..	207	sts.	$12\frac{3}{4}$ lbs.
					860	sts.	$13\frac{3}{4}$ lbs.

= 5 Tons 7 cwts. 4 st. $13\frac{3}{4}$ lbs.

Year ending 31st December	Weight of Meat and Other Foods Condemned			
	tons	cwts.	sts.	lbs.
1962
1963
1964
1965
1966
1967
1968
1969
1970
1971

PUBLIC HEALTH (MEAT) REGULATIONS

In general the conveyances used for the transport of meat to the retail premises in the district were kept clean and well maintained. On occasions a reminder was given on the absence or condition of the protective clothing.

SLAUGHTER OF ANIMALS ACT, 1958

All animals were stunned and slaughtered by competent licensed slaughtermen and all precautions taken to prevent any unnecessary suffering by the animals.

The number of licences issued during the year to persons authorising them to slaughter animals in a slaughterhouse or knackers yard was 19. This figure included two new licenses issued during the year.

FOOD AND DRUGS ACT, 1955

In the rural district regular inspections continued to be made of all premises where food is prepared, stored, handled or sold.

Appropriate action has been taken under the Food Hygiene Regulations of the Act requiring occupiers of food premises to conform to the standards laid down.

FOOD HYGIENE (GENERAL) REGULATIONS, 1970.

The number and types of food premises in the district are as follows:-

Category							No. of Premises
Bakeries	..	..	..	..	..	..	17
Bakers' Shops	..	..	..	..	..	..	35
Butchers	..	..	..	..	..	..	43
Brewery	..	..	..	..	..	..	1
Cafes	..	..	..	..	..	..	9
Chemists	..	..	..	..	..	..	24
Dairies	..	..	..	..	..	..	3
Factory Canteens	..	..	..	..	..	..	41
Food Factories	..	..	..	..	..	..	7
Fried Fish Shops	..	..	..	..	..	..	38
General Dealers	..	..	..	..	..	..	118
Greengrocers	..	..	..	..	..	..	27
Grocers (including supermarkets)	..	..	..	..	..	..	81
Hotels & Public Houses	..	..	..	..	..	..	60
Licensed Clubs	..	..	..	..	..	..	50
Off Licence Shops	..	..	..	..	..	..	7
School Kitchens	..	..	..	..	..	..	33
Snack Bars	..	..	..	..	..	..	12
Sweet Shops	..	..	..	..	..	..	31
Wet Fish Shops	..	..	..	..	..	..	10
Wholesale Premises	..	..	..	..	..	..	3
TOTAL	..	..	..	..	..	..	650

N.B. Where two or more types of trade are carried on in the same building, only the major business is included in the above table.

Ice-cream samples numbering 85 were submitted to the Public Health Laboratory, Sunderland for bacteriological examination. The villages at which the samples were collected and their grading are shown in table form. All ice-cream samples attaining grades one and two are regarded as satisfactory. The high standard in the district is still being maintained.

Year	No. of samples taken	No. satisfactory	Percentage satisfactory
1965	97	96	99%
1966	98	96	98%
1967	94	84	85%
1968	99	92	93%
1969	88	82	93%
1970	93	88	94%
1971	85	75	88%

(All samples submitted to Methylene Blue Reduction Test)

ICE CREAM SAMPLING—YEAR 1971.

District	Methylene Blue						%
	Grades						
1	%	2	%	3	%	4	%
Blackhall Rocks . .	—	—	—	—	—	—	100.0
Easington Colliery	9	81.8	—	2	—	—	—
Horden	14	73.5	5	26.5	—	—	20.0
Murton	3	60.0	1	20.0	—	—	5.0
Peterlee	14	70.0	4	20.0	1	—	—
Seaham	1	50.0	1	50.0	—	—	—
Station Town . . .	5	100.0	—	—	—	—	—
Thornley	5	100.0	—	—	—	—	—
Wheatley Hill . . .	6	75.0	—	—	—	—	—
Wingate	5	62.5	2	25.0	—	—	12.5
Totals	62	72.9	13	15.3	5	5.9	5

MILK SAMPLING.

128 samples of raw and heat treated milk were taken for examination during 1971, with the following results:—

	No. of Samples Taken		Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory	Satisfactory	Unsatisfactory	% Unsatisfactory
	Methylene Blue Test	Phosphatase Test									
Untreated Milk	14.3%	—	—	—	—	—	—
Pasteurised Milk	5.8%	101	1	.98%	—	—	—
Sterilised Milk	—	—	—	—	19	—	—
Ultra-heat Treated Milk	—	—	—	—	—	—	—

MILK SUPPLY—SUPERVISION

Regular inspections of dairies have been carried out by the public health inspectors and any infringements of the Regulations have been reported to those concerned.

Milk samples submitted for examination during the year totalled 128 consisting of 7 samples of raw milk which were tested for keeping quality and cleanliness, and 121 samples of pasteurised and sterilised which were subjected to additional tests designed to establish the efficiency of heat treatment.

During the course of the year 115 inspections of distributors' premises were made.

HOUSING, SEWERAGE, PUBLIC CLEANSING, ETC.

(CONTRIBUTED BY THE ENGINEER & SURVEYOR)

REFUSE COLLECTION

The work of the department has been carried out most satisfactorily during the year with all areas of the district having received a collection frequency of once per week. In addition to waste collections, the majority of trade premises have also received a once weekly collection of waste paper salvage.

Every effort has been made to give immediate attention to any complaints or requests received. During the year some 1,647,340 collections were made from houses, other dwellings and buildings in the district. This represents an average of 31,670 weekly collections.

DISPOSAL AREAS

All refuse collected by this Council has been disposed of at Wheatley Hill Refuse Tip where tip control work has been carried out most satisfactorily. No tip fires of any significance have been experienced during the year.

ROAD CLEANSING

A regular frequency of both gully cleansing and road sweeping has been given to the 249.93 miles of adopted roads within the district. A total of 37.3 miles of roads have been adopted since taking over these services on 1st April, 1969, from Durham County Council.

Immediate attention has been given to any roads where flooding has occurred.

LENGTHSMEN

The ten lengthsmen located in each of the major villages within the district have continued to make a valuable contribution to the street cleansing services.

PUBLIC CONVENIENCES

Daily cleansing of all conveniences in the district has been carried out and all 'bus shelters received regular attention by the department.

TRADE REFUSE

Trade refuse was collected during normal rounds and annual accounts submitted. A charge of £2.00 per annum per bin was charged for the collection service.

'BUS SHELTERS

During the year a further 126 'bus shelters were erected in Peterlee, Horden, Blackhall, Easington, Shotton and Seaton, bringing the district total to 256. Considerable vandal damage has occurred and the Council are currently considering alternative glazing materials and methods.

PUBLIC CONVENIENCES

Considerable vandalism has occurred during the year and it has been necessary to close two conveniences for a period of three months in each case. Work has proceeded with the installation of anti-vandal fittings and some success has been achieved in this direction.

SEWERS

Approximately 912 stoppages have been attended to during the year as a matter of routine maintenance. Various works of repair and renewal have been carried out during the year, this being largely necessitated because of mining subsidence. Principally these works are as follows:-

Dalton-le-Dale. A scheme has been prepared for the installation of 350m of 685mm concrete pipe and the provision of storm overflow manhole to replace the temporary sealed ventilation tubes previously installed as a matter of emergency.

Murton Bakery. A scheme was prepared for the provision of 12" diameter uPVC gravity sewer draining from Murton Bakery to East Moor Estate. This sewer is to replace the old pumping station at Murton Bakery.

Peterlee - North West Industrial Site. Consultants have been briefed for the preparation of a Feasibility Study for the draining of 314 acre Industrial Site recently designated; the site to have particular regard to the effects of main drainage in the remainder of the Rural District associated with the area.

HOUSING MAINTENANCE

During the year the previous system of report and rectify for housing maintenance was abandoned in favour of a planned maintenance scheme, whereby all Council houses are maintained in rotation on a three year cycle; this system was put into operation at the beginning of 1971 fiscal year and from the information available appears to be producing the anticipated economies.

COUNCIL HOUSE DEVELOPMENT

During the year, construction of new houses to accommodate families displaced from slum clearance areas has proceeded. Work has been carried out in South Hetton, Blackhall, Murton and Horden. A total of 94 houses have been newly occupied. At 31st December, 1971, the Council had a holding of 8666 dwellings.

IMPROVEMENT PROGRAMMES

During 1971, a total of 80 dwellings were the subject of improvements in the following locations – Rydal Mount/Paradise Crescent, Easington Colliery; Bridge Road, Shotton and of the 366 B.I.S.F. houses within the Council's area 52 dwellings have had a full improvement, and 300 houses have been re-roofed using an aluminium profile section. Work will continue on the remainder of the B.I.S.F. houses.

DUSTBINS

During the year, 263 private dustbins were sold and 582 were issued to Council house tenants.

SALVAGE

A total of 654.38 tons of waste paper, fibreboard, etc., was collected and sold to Thames Board Mills Limited, the revenue from which amounted to £7,424.68.

William Barlow & Son, Ltd.,
Hartlepool and London
